


REMARKS

Claims 1-4 and 13-15 remain in this application. Claims 5-12 and 16-17 have been amended by eliminating multiple dependencies and deleting preferably clauses. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings to Show Changes Made."

The support for these amendments is found in the claims as originally filed. These amendments are being entered to bring the claims into conformance with, *inter alia*, 37 CFR §1.75, no new matter is added.

Respectfully submitted for Applicants,

By   
T. David Reed  
Agent for Applicant  
Registration No. 32,931

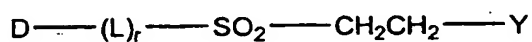
Cincinnati, Ohio  
20 March 2002  
(513)627-7025/FAX (513)627-6333

"VERSION WITH MARKINGS TO SHOW CHANGES MADE"

1. A reactive dye compound comprising:

- characterised in that at least one  $\text{SO}_2\text{C}_2\text{H}_4$  group is substituted on its terminal carbon atom with at least one Y group wherein Y is a phosphonate or borate derivative, preferably the phosphonate derivative is selected from phosphonates having the formula:  $-\text{O}-(\text{P}=\text{O})(\text{OH})\text{R}'$  wherein  $\text{R}'$  is any suitable nucleophilic moiety which is not OH.

2. A reactive dye compound according to Claim 1 wherein Y is derived from aceto phosphonic acid.
3. A reactive dye compound having the formula (I):

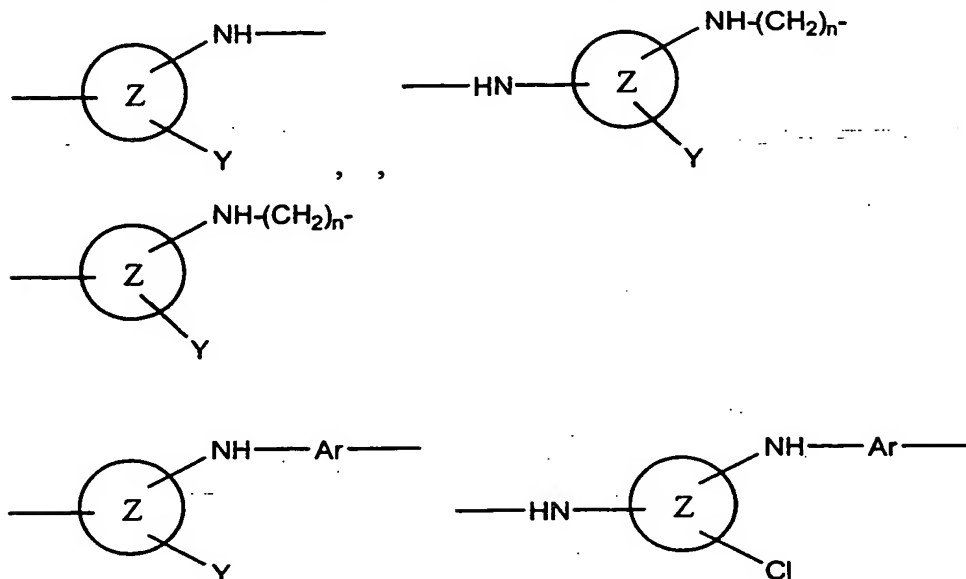


wherein: D is a chromophore group;

$r$  is 0 or 1, preferably 0,

**L is a linking group selected from:**

NH, (CH<sub>2</sub>)<sub>n</sub>, N-(CH<sub>2</sub>)<sub>n</sub>N, -(CH<sub>2</sub>)<sub>n</sub>N, NR (R is C1-C4 alkyl)



wherein Ar is an aryl group, preferably benzene, Y is as defined above, Z is a nitrogen-containing heterocycle, n is an integer of from 1 to 4;

and salts thereof.

4. A reactive dye compound according to Claim 3 wherein Z is selected from triazine, pyrimidine, quinoxaline, pyrimidinone, phthalazine, pyridazone and pyrazine.
5. A reactive dye compound according to Claim 3 <sup>CLAIM 1</sup> [or 4] wherein r is 0.
6. Use of a compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing cellulosic substrates [preferably cotton] .
7. Use of a compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing wool.

8. Use of compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing polyamide substrates [preferably nylon].
9. Use of a compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing silk.
10. Use of compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing keratin.
11. Use of compound according to <sup>CLAIM 1</sup> [any of Claims 1 to 5] for dyeing leather.
12. A dye composition comprising the compound of <sup>CLAIM 1</sup> [any of Claims 1 to 5].
13. A dye composition according to Claim 12 wherein the composition is in the form of a solid mixture and further comprises an acid buffer.
14. A dye composition according to Claim 12 wherein the composition is in the form of a liquid and further comprises water and an acid buffer.
15. A dye composition according to Claim 12 wherein the composition is in the form of a paste and further comprises water, thickening agent and an acid buffer.
16. A dye composition according to <sup>CLAIM 12</sup> [Claims 12 to 15] wherein the acid buffer is selected from citric acid, malic acid, fumaric acid and maleic acid, and mixtures thereof.
17. A dye composition according to Claim 12 [to 16] wherein the pH is [preferably] from about 2 to about 3.